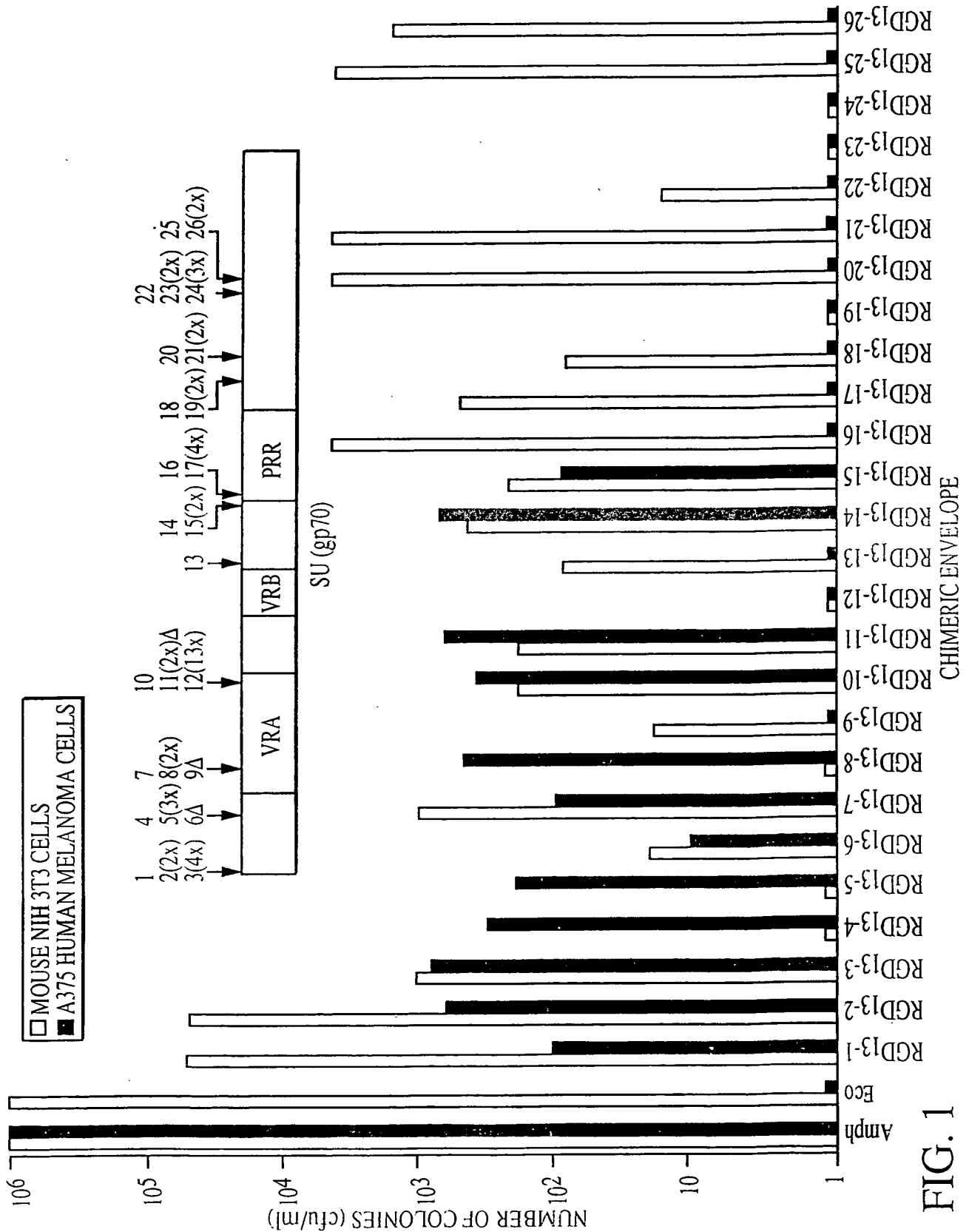


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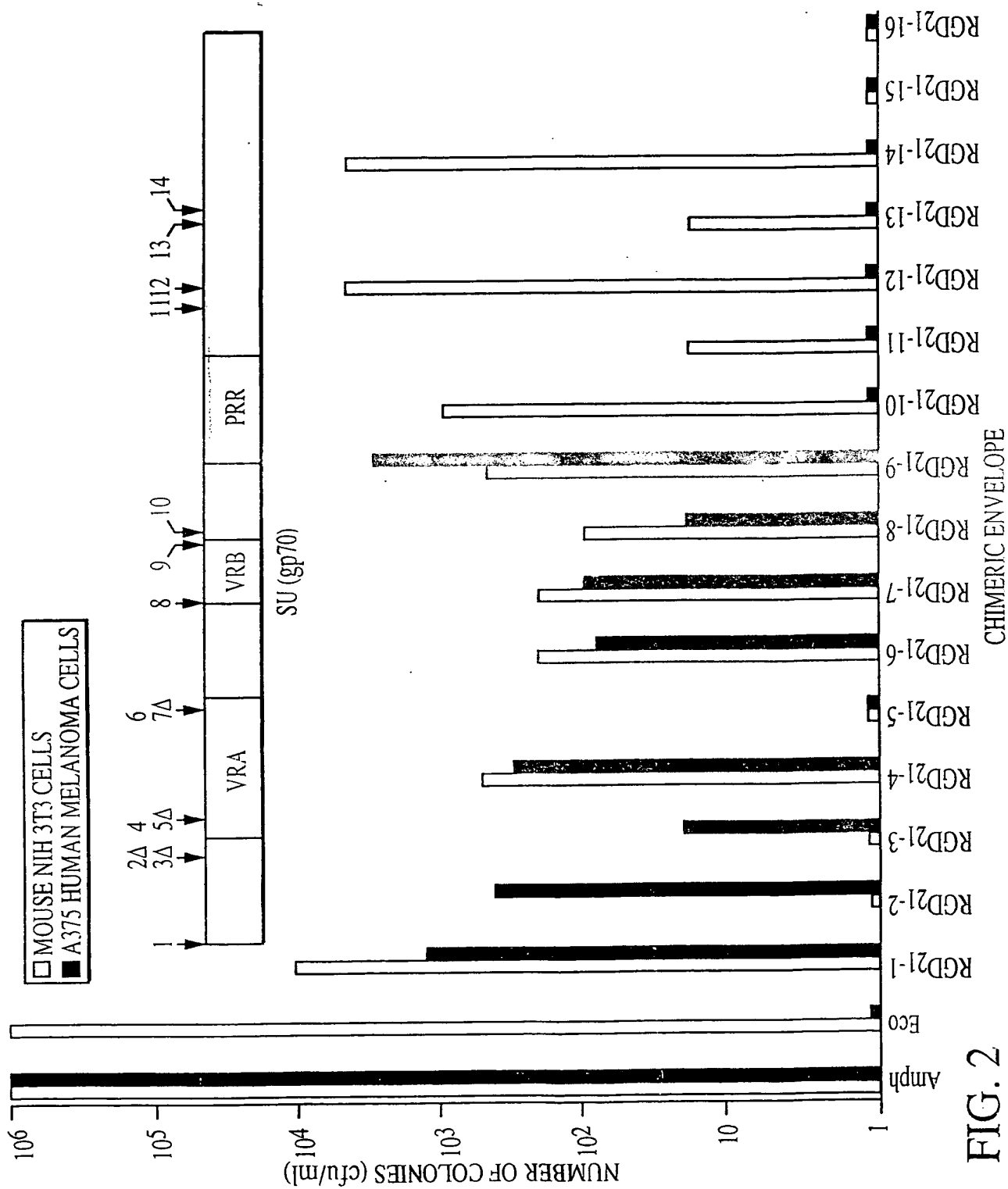
1/8



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ART 34 AMDT

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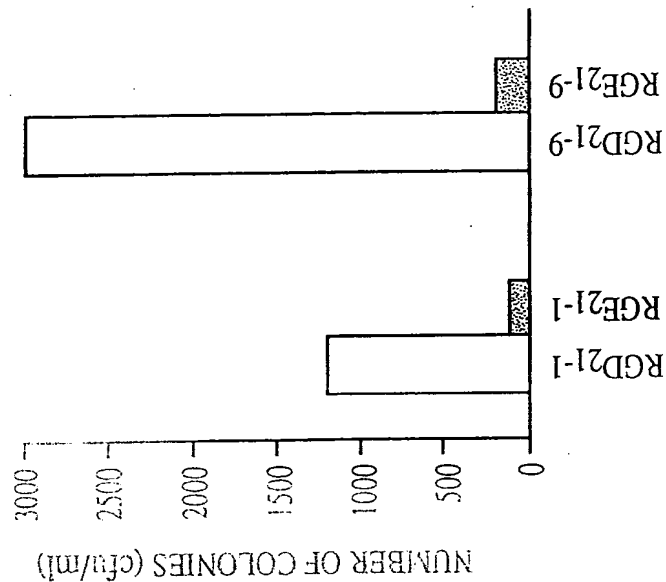
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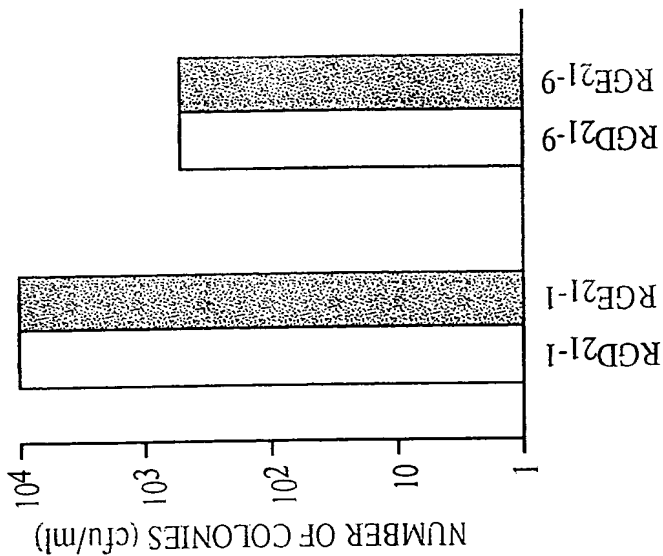
A375 HUMAN MELANOMA CELLS



CHIMERIC ENVELOPE

FIG. 3B

MOUSE NIH 3T3 CELLS



CHIMERIC ENVELOPE

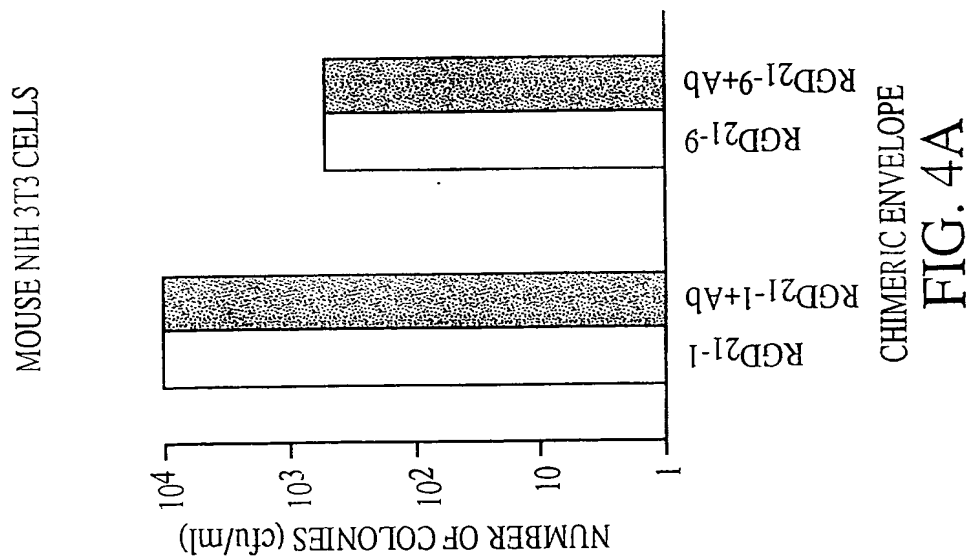
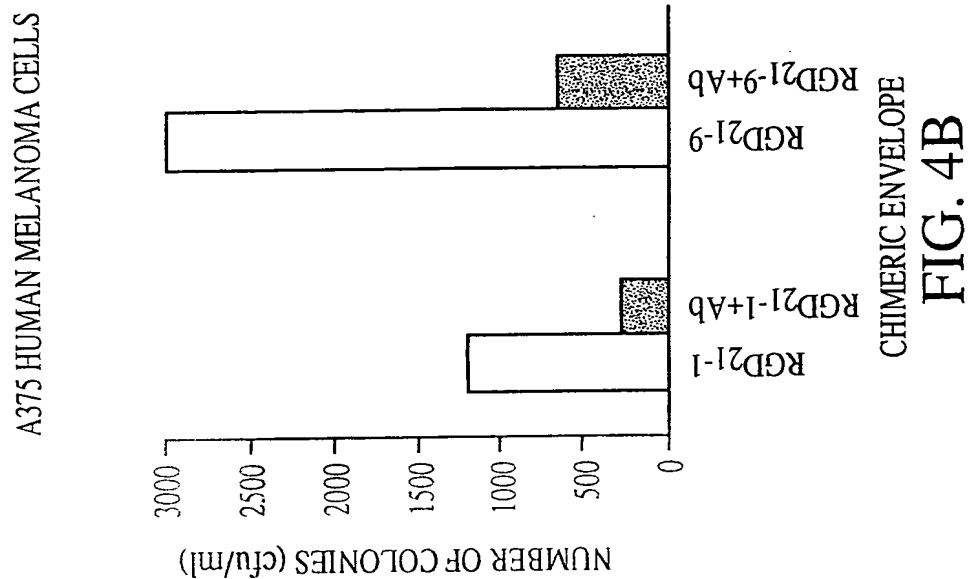
FIG. 3A

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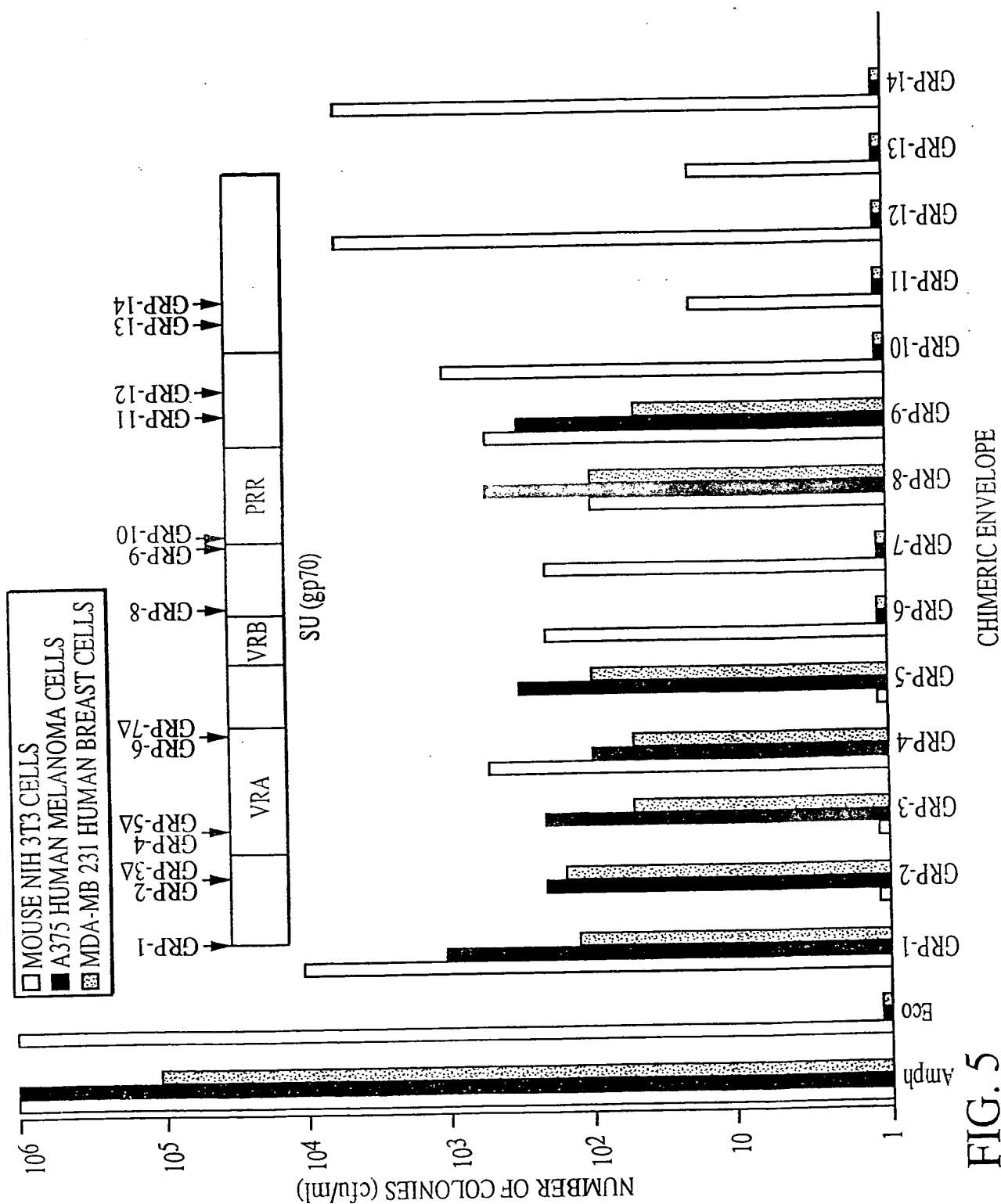
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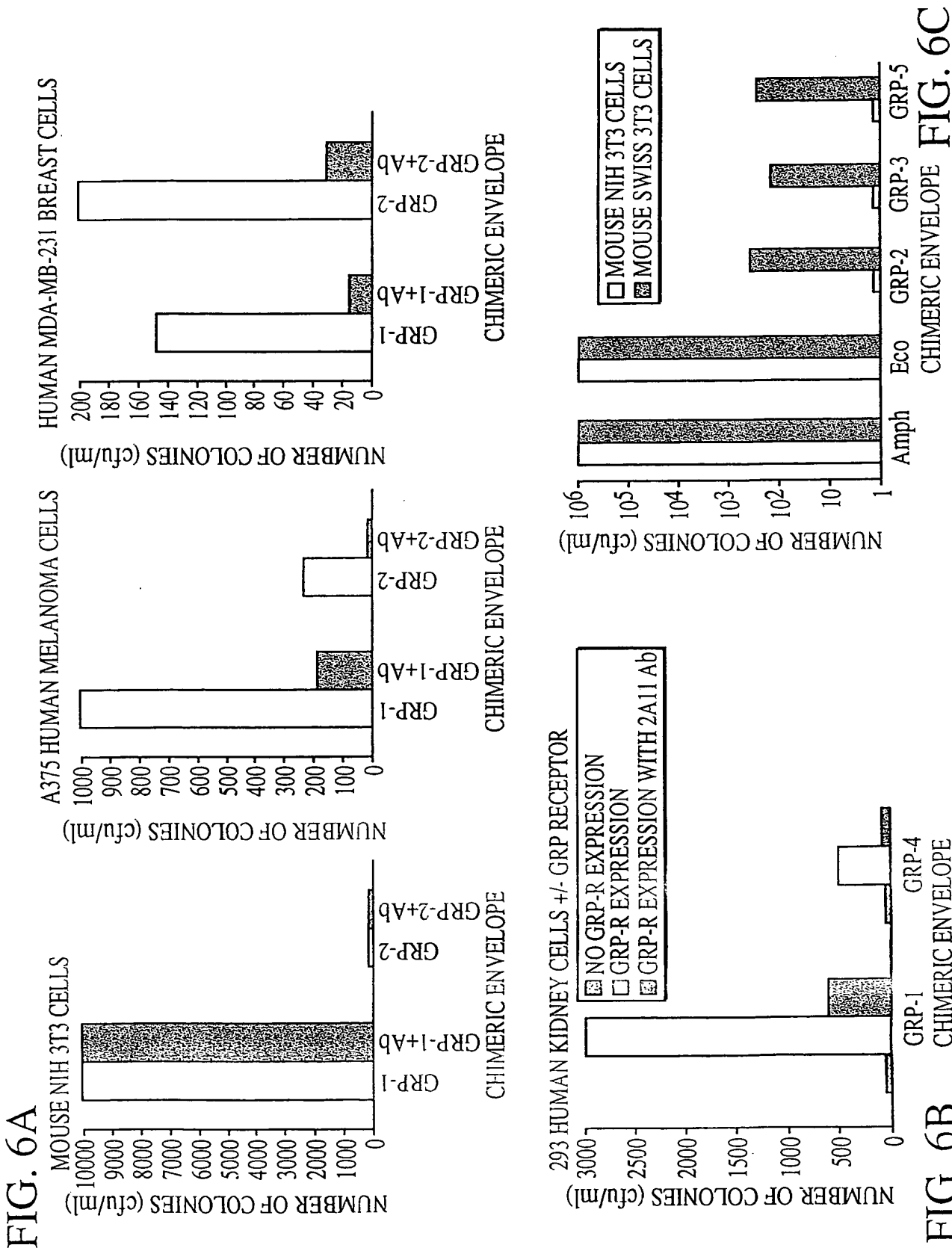


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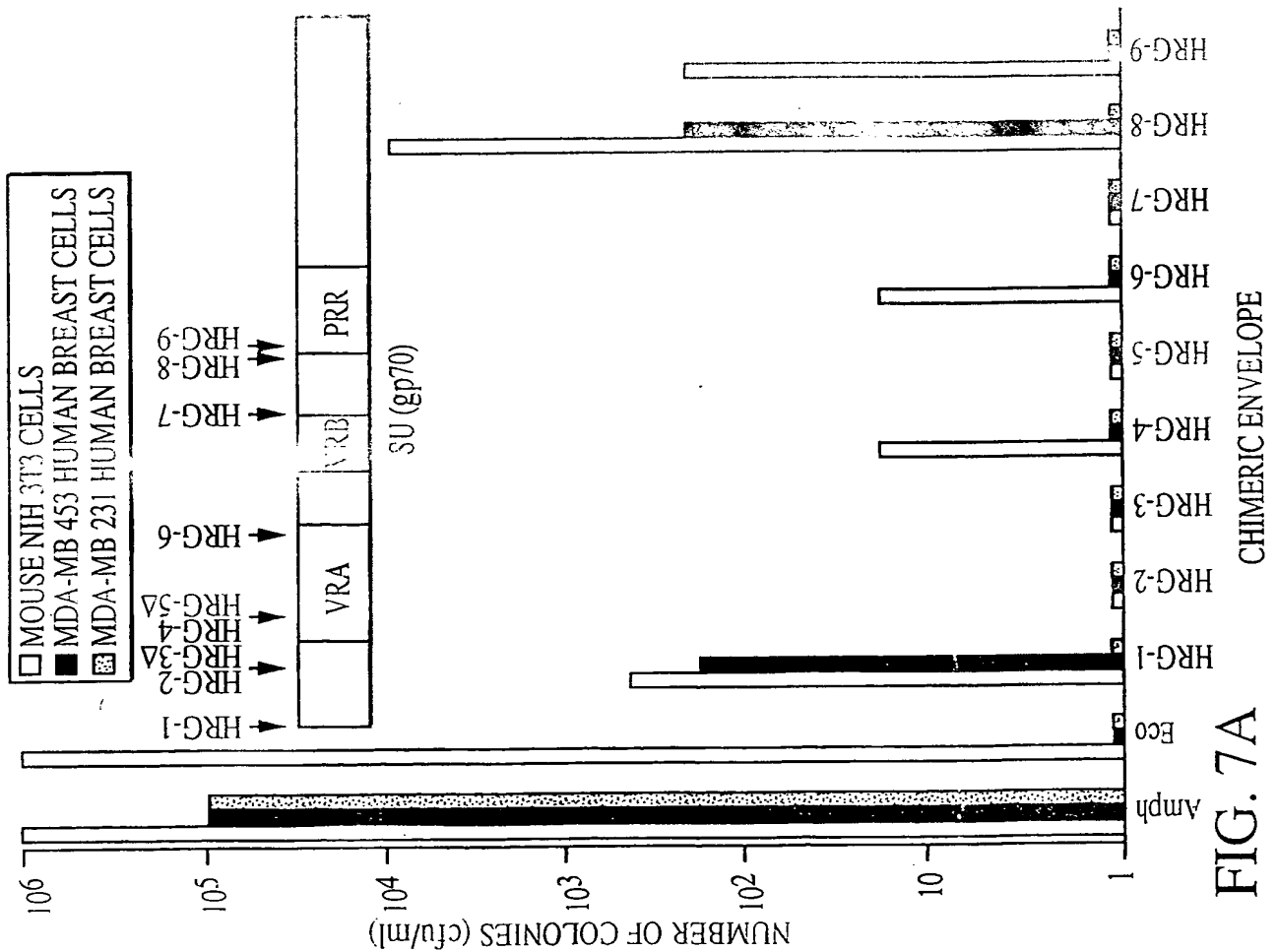
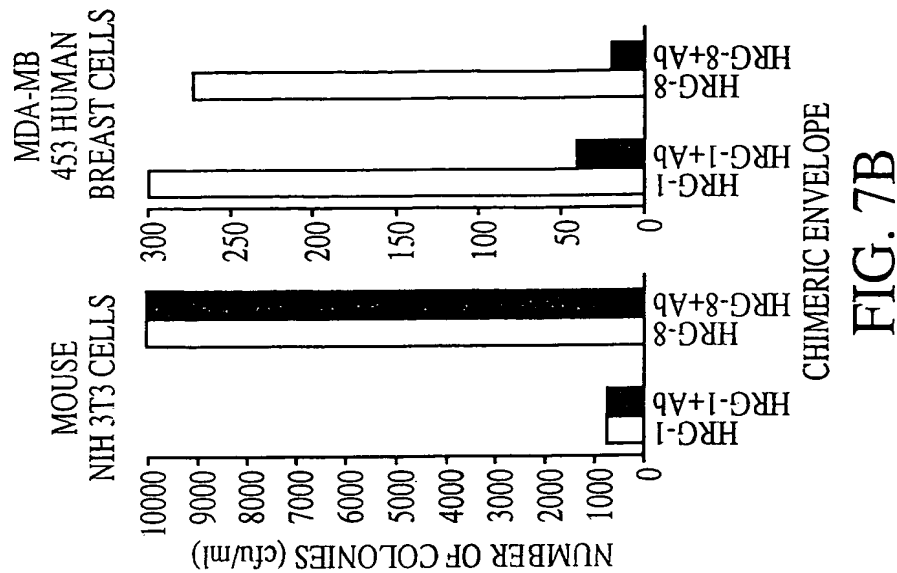
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Moloney Murine Leukemia Virus:— envelope protein (gp70), nucleic acid sequence (from complete MoMLV genome sequence; Genbank Accession No. NC\_001501). The SU (extracellular domain) is coded by nucleotides 5612 – 6919 (pictured below). The transmembrane and cytoplasmic tail extends from nucleotides 6920-7507. There is a signal peptide sequence at the beginning of the SU, localizing the protein to the cell membrane.

5581 aattctctg atgctcagag gggtcagtag tgcctgccc ggctccagtc ctcatcaagt  
5641 ctataataac acctgggagg taaccaatgg agatcgggag acggtatggg caactctgg  
5701 caaccaccct ctgtggacct ggtggcctga ccttacccca gatttatgta tgttagccca  
5761 ccatggacca tcttattggg ggctagaata tcaatccct tttctctc ccccgggggc  
5821 cccttgttc tcagggggca gcagcccagg ctgtccaga gactgcgaag aaccttaac  
5881 ctcctcacc ctcggtgca aactgcctg gaacagactc aagctagacc agacaactca  
5941 taaatcaaat gagggattt atgttgccc cgggccccac cgccccgag aatccaagt  
6001 atgtgggggt ccagactcct tctactgtgc ctattggggc tgtgagacaa ccggtagagc  
6061 ttactggaag cctctctcat catgggatt catcacagta aacaacaatc tcactctga  
6121 ccaggctgtc caggtatgca aagataataa gtgtgcaac ccctagta ttcggttac  
6181 agacccggg agacgggta ctctcggac cacaggacat tactggggct tacgtttga  
6241 tgtctcggg caagatccag ggcttacatt tgggatccga ctgataacc aaaatctagg  
6301 accccggtc ccaatagggc caaacccct tctggcagac caacagccac tctccaagcc  
6361 caaacctgtt aagtcgctt cagtcacaa accaccagt gggactctc tctccctac  
6421 cccctctac cgggggggaa cggaaaatag gctgctaac ttgtagacg gactctaca  
6481 cccctctac ctcaccagtc ctgacaacaa ccaagagtgc tgggtgtgc tcttagggg  
6541 accccctac tacgaagggg ttgcgtctt gggtaacctac tccaaccata cctctgtcc  
6601 agccaactgc tccgtggcct cccaaccaa gtgacctg tccgatgta ccggacaggg  
6661 actctgata ggagcagtc caaaacaca tcaggcccta tgaatacca ccagacaag  
6721 cagtcagagg tctattatc tagtgcccc tacaggtagc atgtgggctt gtagtaccg  
6781 gcttactcca tgcactcca ccaccatact gaacctacc actgattatt gtgtctgt  
6841 cgaactctg ccaagagtca cctatcttc cccagctat gttacggcc tgttgagag  
6901 atccaaccga caaaaagag aaccggtgc gtaacctg gcctattat tgggtggact  
6961 aaccatgggg ggaattgccg ctggaatagg aacagggact actgctctaa tggccactca  
7021 gcaattccag cagctccaag ccgcagtaca ggatgatctc agggaggttg aaaaatcaat  
7081 ctctaaccta gaaaagtctc tcacttcct gtctgaagt gtctacaga atcgaagggg  
7141 cctagacttg ttattctaa aagaaggagg gctgtgtgt gctctaaaag aagaatgtg  
7201 cttctatgc gaccacacag gactagttag agacagcat gccaaattga gagagaggct  
7261 taatcagaga cagaaactgt ttgagtcaac tcaaggatgg ttgagggac tgttaacag  
7321 atcccttgg ttaccacct tgatatctac cattatggga cccctcatt tactctaat  
7381 gattttgctc ttggaccct gcattcttaa tcgattagc caatttgta aagacaggat  
7441 atcagtgtc caggctctag tttgactca acaatatcac cagctgaagc ctatagagta  
7501 cgagccatag ataaaataaa agattttatt tagtctccag aaaaaggggg gaatgaaaga

FIG. 8

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